

Title (en)

Attachment assembly for a steering wheel of a vehicle

Title (de)

Befestigungsvorrichtung für ein Fahrzeuglenkrad

Title (fr)

Dispositif de fixation pour volant de véhicule

Publication

**EP 0965492 A2 19991222 (EN)**

Application

**EP 99111608 A 19990615**

Priority

JP 16754398 A 19980615

Abstract (en)

An attachment assembly for use in connection with the steering wheel (10) of a vehicle. It consists of a fixed body (14), attached to the steering column, and a movable body (13), rotatable with respect to the fixed body (14) and affixed to the steering wheel (10). The movable body (13) and fixed body (14) together define a toroidal (15) space in which a coiled flat cable (16) is contained. The ends of the cable (16) carry connectors (16a, 16b) from the electrical system of the vehicle to (for example) an air bag actuating mechanism. A cable reel (11), made up of the fixed and movable bodies (13, 14) and the flat cable (16), is inserted into a hollow space in the switch body (12) and is affixed thereto. As a result, the switch body (12) and its operating lever (20) can be maintained close to the underside of the steering wheel (10), even if the height of the flat cable (16) is substantially increased. This permits the operation of the switches which are part of the switch body (12) while the driver's hands remain on the rim of the steering wheel (10). <IMAGE>

IPC 1-7

**B60R 16/02**; **B62D 1/16**

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP1205351A3; EP1876066A1; CN108674542A; EP1120318A3; EP2641781A4; CN108349520A; US7880102B2; US6956177B2; WO2017072032A1; US9434299B2; US10696213B2

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